

What is claimed is:

1. A method for installing an optical fiber unit into an installation tube with the use of gas flow,
5 wherein ions are included in an optical fiber unit installation gas so as to eliminate static electricity generated while the optical fiber unit is installed.
2. The method for installing an optical fiber unit according to claim 1, wherein the ions are included in the gas by ionizing the optical fiber unit
10 installation gas by means of an ion generating means.
3. The method for installing an optical fiber unit according to claim 2, wherein the ionized gas is compressed before being supplied into the installation
15 tube.
4. The method for installing an optical fiber unit according to claim 2, wherein the optical fiber unit installation gas is compressed by means of a pressing means before being ionized, and the compressed gas is ionized by means of an ion generating means.
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5. The method for installing an optical fiber unit according to claim 1, wherein a concentration of the ions included in the optical fiber unit installation gas is controlled to be kept constantly as time goes.

6. The method for installing an optical fiber unit according to claim 1, wherein a concentration of the ions included in the optical fiber unit installation gas is controlled to be increased as time goes.

5 7. An apparatus for installing an optical fiber unit, comprising:
an optical fiber unit supplier;
a blowing head having an entrance for introducing the optical fiber unit supplied from the optical fiber unit supplier and an exit communicated with the entrance and combined with a gas-pressure installation tube;
10 a pressing means for compressing and then supplying an optical fiber unit installation gas to the optical fiber unit introduced into the blowing head; and
an ion generating means for ionizing the optical fiber unit installation gas.

8. The apparatus for installing an optical fiber unit according to claim 7,
15 wherein the ion generating means is disposed at the rear of the pressing means so as to ionize the gas compressed by the pressing means.

9. The apparatus for installing an optical fiber unit according to claim 7,
wherein the pressing means is disposed at the rear of the ion generating means so
20 as to compress the gas ionized by the ion generating means.

10. The apparatus for installing an optical fiber unit according to claim 7, further comprising:

driving wheels rotating at both sides of the supplied optical fiber unit so as to push the optical fiber unit into the installation tube.

11. The apparatus for installing an optical fiber unit according to claim 7,
5 further comprising:

a sealing unit positioned at the entrance of the blowing head to surround an outer circumference of the optical fiber unit with a predetermined gap from the optical fiber unit.